

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	34	(US-20040184809-\$ or US-20050175346-\$ or US-20050129403-\$ or US-20040208578-\$ or US-20050025488-\$ or US-20040208575-\$ or US-20040218926-\$ or US-20040213575-\$ or US-20040208576-\$ or US-20040208574-\$ or US-20040190901-\$).did. or (US-6721509-\$ or US-6525852-\$ or US-6327060-\$ or US-6195186-\$ or US-6002503-\$ or US-5959749-\$ or US-5953141-\$ or US-5926300-\$ or US-5771112-\$ or US-5576875-\$ or US-5481399-\$ or US-5005937-\$ or US-5940197-\$ or US-5680235-\$ or US-5438445-\$ or US-5778118-\$ or US-6590681-\$ or US-6845188-\$ or US-6512613-\$ or US-6426832-\$ or US-7006282-\$ or US-6842562-\$ or US-6529314-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/26 11:51
L8	557404	(aotf or dielectric or bragg or fabry)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 11:52
L9	16	7 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:03
L10	24970	mems	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:03
L11	2	7 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:03
L12	56	mems same hub	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:07
L13	2	EP-1063803-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:08

## EAST Search History

L14	24	broberg-robert-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:09
L15	1	10 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
L16	13523	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
L17	558	hub and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
L18	35	mems and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
S1	1	("20040184809").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:36
S2	179	miyata-hideyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S3	100	tomofuji-hiroaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S4	301	onaka-hiroshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S5	36	takeno-minoru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S6	486	S2 S3 S4 S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:38
S7	34922	wavelength adj2 multiplex\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:38

## EAST Search History

S8	179	S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 10:13
S9	337	398/83.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:07
S10	574	398/83-85.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:07
S11	237	S10 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:07
S12	352	S10 and block\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:08
S13	3270913	block\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:09
S14	1822438	filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:09
S15	34245	S13 near2 S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S16	42	S10 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:30
S17	2712	398/79-97.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:30
S18	2138	S17 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:30
S19	222369	add\$4 with drop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:33

## EAST Search History

S20	574	398/83-85.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S21	2712	398/79-97.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S22	2138	S21 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S23	222369	add\$4 with drop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S24	529	S22 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S25	3270913	block\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S26	1822438	filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S27	34245	S25 near2 S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:42
S28	25	S24 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:42

## EAST Search History

S29	29	(US-20040175179-\$ or US-20040190901-\$ or US-20040208574-\$ or US-20040208575-\$ or US-20040208576-\$ or US-20040208578-\$ or US-20040213575-\$ or US-20040218926-\$ or US-20050025488-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20050175346-\$).did. or (US-5438445-\$ or US-5481399-\$ or US-5576875-\$ or US-5680235-\$ or US-5771112-\$ or US-5926300-\$ or US-5940197-\$ or US-5959749-\$ or US-6002503-\$ or US-6195186-\$ or US-6327060-\$ or US-5778118-\$ or US-5953141-\$ or US-6525852-\$ or US-5005937-\$ or US-6590681-\$ or US-6512613-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:10
S30	430	Kinoshita-Susumu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:15
S31	57	S23 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 16:05
S32	33	(US-20040175179-\$ or US-20040190901-\$ or US-20040208574-\$ or US-20040208575-\$ or US-20040208576-\$ or US-20040208578-\$ or US-20040213575-\$ or US-20040218926-\$ or US-20050025488-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20050175346-\$).did. or (US-5438445-\$ or US-5481399-\$ or US-5576875-\$ or US-5680235-\$ or US-5771112-\$ or US-5926300-\$ or US-5940197-\$ or US-5959749-\$ or US-6002503-\$ or US-6195186-\$ or US-6327060-\$ or US-5778118-\$ or US-5953141-\$ or US-6525852-\$ or US-5005937-\$ or US-6590681-\$ or US-6512613-\$ or US-7006282-\$ or US-6426832-\$ or US-6529314-\$ or US-6842562-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:40

## EAST Search History

S33	507733	tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:40
S34	20	S32 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:49
S35	3	"6721509".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:47
S36	1994656	ring\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:49
S37	33	(US-20040190901-\$ or US-20040208574-\$ or US-20040208575-\$ or US-20040208576-\$ or US-20040208578-\$ or US-20040213575-\$ or US-20040218926-\$ or US-20050025488-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20050175346-\$).did. or (US-5438445-\$ or US-5481399-\$ or US-5576875-\$ or US-5680235-\$ or US-5771112-\$ or US-5926300-\$ or US-5940197-\$ or US-5959749-\$ or US-6002503-\$ or US-6195186-\$ or US-6327060-\$ or US-5778118-\$ or US-5953141-\$ or US-6525852-\$ or US-5005937-\$ or US-6590681-\$ or US-6512613-\$ or US-7006282-\$ or US-6426832-\$ or US-6529314-\$ or US-6842562-\$ or US-6721509-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:50
S38	21	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:50
S39	8128	add\$4 adj2 drop\$4	EPO; DERWENT	OR	OFF	2006/05/17 16:08
S40	2132	S26 and S39	EPO; DERWENT	OR	OFF	2006/05/17 16:06
S41	246	S36 and S40	EPO; DERWENT	OR	OFF	2006/05/17 16:06
S42	1	1992-219172.NRAN.	DERWENT	OR	OFF	2006/05/17 16:06

## EAST Search History

S43	1964	add adj2 drop	EPO; DERWENT	OR	OFF	2006/05/17 16:09
S44	328	S36 and S43	EPO; DERWENT	OR	OFF	2006/05/17 16:09
S45	63	S26 and S44	EPO; DERWENT	OR	OFF	2006/05/17 16:09
S46	33	(US-20040190901-\$ or US-20040208576-\$ or US-20040218926-\$ or US-20040208575-\$ or US-20050175346-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20040213575-\$ or US-20040208578-\$ or US-20050025488-\$ or US-20040208574-\$).did. or (US-6002503-\$ or US-6195186-\$ or US-5481399-\$ or US-5438445-\$ or US-6426832-\$ or US-6512613-\$ or US-6590681-\$ or US-5005937-\$ or US-7006282-\$ or US-5959749-\$ or US-5953141-\$ or US-6721509-\$ or US-5680235-\$ or US-5926300-\$ or US-6327060-\$ or US-5778118-\$ or US-5771112-\$ or US-6525852-\$ or US-5940197-\$ or US-5576875-\$ or US-6842562-\$ or US-6529314-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/19 10:14
S47	6	S46 and hub	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/19 10:14
S48	3	("5612805"   "5959749"   "6519059").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:02
S49	1310	wdm adj coupler	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:02
S50	54	(wdm adj coupler).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:02
S51	8	("20010046348"   "5555118"   "6181467"   "6233074"   "6317239"   "6344925"   "6381384"   "6404522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:53
S52	4	((("6525852") or ("6590681"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/19 11:53

## EAST Search History

S53	20	S46 and tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/20 08:30
S54	30	way-winston.in. or way-winston-\$. in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 18:05